

Colville River Watershed Fecal Coliform TMDL
Water Quality Implementation Plan
Appendix A: Tables to measure progress

| Northeast Tri-County Health District | Performance Measures | | |
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| | Report number of permits, repairs and corrections of illegal systems. | Report number of illegal systems identified in the watershed. | Report educational activities: # presentations, people reached, and materials handed out. |
| 2005 | <ul style="list-style-type: none"> Within the county, 356 applications for on-site septic tanks were received; 303 were installed (mainly outside of the watershed) Installed a new data management tool that will track activities better in future years | <ul style="list-style-type: none"> Received 29 complaints of wastewater discharge | <ul style="list-style-type: none"> None reported |
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| Washington State Department of Health | Performance Measures | | | |
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| | Report number of permits, repairs and corrections of illegal systems. | Track & report assistance requests and response time. | Report number of issued operating permits and permit compliance. | Conduct site visits to verify suitable site/soil conditions and system performance. |
| 2005 | <ul style="list-style-type: none"> 2 LOSS projects approved | <ul style="list-style-type: none"> estimated response to 28 phone messages & 24 emails for existing or proposed projects response within 1 to 2 days | <ul style="list-style-type: none"> 8 permits issued 1 out of compliance | <ul style="list-style-type: none"> 1 LOSS inspection completed |
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| City of Chewelah | Performance Measures | | |
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| | Submit all discharge monitoring reports (DMR) monthly. | Implement a systematic schedule of inspection & maintenance of sewer pipes and treatment plant. | Completed plan for stormwater collection. |
| 2005 | <ul style="list-style-type: none"> Done | <ul style="list-style-type: none"> Some increase in sewer line maintenance due to purchase of equipment | <ul style="list-style-type: none"> No new information |
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| City of Colville | Performance Measures | |
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| | Submit all discharge monitoring reports (DMR) monthly. | New wastewater treatment plant is constructed and operational. |
| 2005 | <ul style="list-style-type: none"> Done | <ul style="list-style-type: none"> Began construction in April 2005, currently about 50% complete Start up is scheduled for July 31, 2006 |
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| City of Kettle Falls | Performance Measures | | |
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| | Completed report of the groundwater monitoring & shallow aquifer study. | Submit all discharge monitoring reports (DMR) monthly. | Review draft wastewater facility plan with City Council. |
| 2005 | <ul style="list-style-type: none"> The study is complete and will be incorporated into the Kettle Falls Wastewater Facilities Plan | <ul style="list-style-type: none"> Done | <ul style="list-style-type: none"> Draft for City Council review is expected in January 2006 |
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| Stevens County Public Utility District | Performance Measures | | |
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| | Septage facility construction is complete and operational. | Submit all discharge monitoring reports (DMR) monthly. | Submittal of maintenance report for Echo Estates to Dept. of Health annually. |
| 2005 | <ul style="list-style-type: none"> Project is on-hold pending resolution of a permit appeal | <ul style="list-style-type: none"> Done | <ul style="list-style-type: none"> Done |
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| Loon Lake Sewer District | Performance Measures |
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| | Submit all discharge monitoring reports (DMR) monthly. |
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| Washington State Dept. of Ecology | Performance Measures | | |
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| | Report number of grants/loans awarded for implementation. | Inspect all discharge monitoring reports (DMR) submitted and inspect facilities annually. | Report number of technical assistance visits and/or educational activities, including number of people in attendance |
| 2005 | <ul style="list-style-type: none"> • One application was received during this year's funding cycle. • Two small grants were awarded and completed. | <ul style="list-style-type: none"> • All DMRs received and reviewed • Inspected Colville, Chewelah, and Valley/Waitts Lake WWTPs • Conducted site visits to Kettle Falls WWTP | <ul style="list-style-type: none"> • No educational meetings hosted • No non-point technical assistance visits conducted |
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| Stevens County Conservation District | Performance Measures | | | | |
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| | Conduct septic system dye tests and assist with solving any identified problems. | Hold 2 educational meetings and distribute educational materials about septic systems and BMPs. | Conduct water monitoring and review data with the advisory group and others. | Report number of implementation projects installed. | Report number and results of dairies/cafos visited or contacted. |
| 2005 | <ul style="list-style-type: none"> No dye tests conducted | <ul style="list-style-type: none"> Two newsletters sent out; one county-wide | <ul style="list-style-type: none"> Monitored headwater areas from June through Oct. 2005 Two more years of monitoring remain Data reviewed with TMDL oversight group on Dec. 5, 2005 | <ul style="list-style-type: none"> Four implementation projects completed in the watershed Approx. 20 other landowners interested in projects | <ul style="list-style-type: none"> Visited all dairies with inspector Working with 3 dairies on nutrient management |
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| Natural Resources Conservation Service | Performance Measures |
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| | Report total number of contracts awarded or projects completed annually for all available programs. |
| 2005 | <ul style="list-style-type: none"> 0 Environmental Quality Incentive Program (EQIP) contracts 3 Conservation Security Program (CSP) contracts 0 Wildlife Habitat Incentive Program (WHIP) contracts No new Wetland Reserve Program (WRP) contracts were awarded in the watershed; however there are 2 existing in the watershed |
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| Stevens County Farm Bureau | Performance Measures |
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| | Provide a copy of the annual SCFB newsletter article about fecal coliform/TMDL implementation. |
| 2005 | <ul style="list-style-type: none"> • No newsletters have been produced since the DIP has been completed. • 35 copies of the DIP have been handed out along with the website. • The TMDL was discussed at the annual meeting in October |
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| Washington State Dept. of Natural Resources | Performance Measures | |
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| | Obtain audio report of maintenance/ replacement of campground outhouses and other activities. | New Sherry Creek campground completed and report number of campsites reclaimed. |
| 2005 | <ul style="list-style-type: none"> • Replaced 4 single outhouses with one double concrete vault at Flodelle Cr. Campground • Removed a culvert on Haller Cr. to discourage use of a small dispersed campsite | <ul style="list-style-type: none"> • Plans have been made to replace 2 fiberglass outhouses and move campsites further from the creek at the Sherry Cr. Campground (dependant of IAC grant funding – currently in planning stage) • Restoration activities along Flodelle Cr. are also planned. (dependant of IAC grant funding – currently in planning stage) |
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| Colville National Forest | Performance Measures | | |
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| | Record number of maintained/upgraded/installed BMPs in grazing allotments. | Conduct water monitoring and compile data annually. | Report number of educational materials produced (pamphlets, signs, etc.) with water quality message. |
| 2005 | <ul style="list-style-type: none"> • Mill Creek drainage <ul style="list-style-type: none"> ○ 2 hardened crossings in ERA Meadows ○ 1 hardened crossing in Hanson Springs ○ 1 off-stream water trough in Bestrom Meadows ○ 2 acre area fenced in Jacobson Cr. to protect riparian area ○ 1 hardened crossing installed near mouth of Smith Cr. • BMP structures visually monitored each year to determine effectiveness | <ul style="list-style-type: none"> • 13 sites monitored for fecal coliform within the forest boundary; 3 of the sites within the watershed • 1 site did not exceed state criteria and 2 sites did exceed the criteria. | <ul style="list-style-type: none"> • 3 publications are currently available w/ water quality educational message. • Numerous contacts made w/ forest visitors & hunters where environmental ethics are discussed • Participated in a water festival for 3rd and 4th graders. |
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| Little Pend Oreille National Wildlife Refuge | Performance Measures | |
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| | If any water monitoring is conducted, submit monitoring reports annually. | Replace outhouses next to surface water annually as funding becomes available. |
| 2005 | <ul style="list-style-type: none"> • Work to re-establish the USGS gage on the Little Pend Oreille River was completed • Fecal coliform samples were collected once a month from June through October (5 samples) • Two samples exceeded criteria, both were located at the point the Little Pend Oreille River entered the Refuge. All samples within the refuge met the standard. • Temperature, total suspended solids (TSS), turbidity and dissolved oxygen (DO) were also measured • Sampling monthly in 2006 will occur as funding allows | <ul style="list-style-type: none"> • There are 9 outhouses on the Refuge • Preliminary plans are to replace some or all of the outhouses in 2006 • All on-site septic systems have been addressed on the Refuge |
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